

09/894,371

-6 JAN 2005

Pat. No.

6713778

On (note date):

Team Leaders Initials

FO SUPPLIED BY:

OAC/LDRC Initials

SECOND REQUEST (DIFFERENT CORRECITONS), SUPERSEDE OR RECONSIDERATION
(OAC OR LDRC, USE A RED PEN FOR COMPLETING INFO, ON THIS COVER SHEET) (11/2002 cbn)

Team Leader, an Office Automation Clerk may assist you by supplying data from CofC Database (Current & History), PALM, and copies from Intranet, to determine type of request (second request, supersede, and/or reconsideration) and to determine if there were any errors made in decisions and/or publishing are attributable. Team Leader, check appropriate boxes below, key record (if necessary) and forward to JCWS, to order file and assign file to an LIE, to EXPEDITE.

Team Leader, DO NOT ORDER FILE.

RD (for request attached to this cover sheet): / / (Team Leader have LDRC, stamp same MRD on 1050s.)

File Charged to (in PALM): Date Charged to Loc.: / /

Information re most recent record in CofC database (Check Current & History)

RD: / / Examiner (LIE's initials):

Date Assigned: / / Turned In: / /

CofC Issued: / / CofC Denied: / / Updated: Y / N Date: / /

Patent number listed on C of C listing in OG ((circle one) Y / N)

CofC Issued for this record is attached to patent on Internet ((circle one) Y / N)

New/different correction(s)-requested. Check Intranet or with RTIS. ((circle one) Y / N)

☐ Duplicate (same heading and corrections published/issued CofC on Intranet. ((circle one) Y / N)

☐ Substitute or corrected request. Locate the original request (check with JCWS and RTIS).

☐ Second Request (another) requesting new/different corrections or additional corrections. TEAM LEADER, DO NOT ORDER FILE. If necessary, call attorney/applicant for assistance in determining if new/different corrections. Team Leader, key new a record on: 1/4/05. Place and count with

CofCs keyed, same week, determine and note in to upper right hand corner if "P", "R", or "RTC". Mark through any corrections on 1050, that were appropriately published; or JCWS assign to:

☐ Reconsideration ☐ Supersede ☐ Special CofC ☐ Erratum ☐ Expedite CofC

Team Leader, determine if a Request for a Corrected CofC (Supersede) or Reconsideration, due to error in decisions or keying, attributable to (check the appropriate box, below):

☐ RTIS
Keying Error

☐ LIE:
LIE Processing or
Decision Error

☐ OFFICE
Error in Entry of Document
or Ex. Decision

☐ ATTY.
1,323 Consideration
or Petition Required

If errors are attributable to LIE, use guidelines for appropriately notifying the LIE and recording errors (make copies supporting that the LIE made error, attach copies to this cover sheet, keeping copies for your records, and forward copies to CBN, at the end of each month).

☐ JW or OL, locate request for CofC published on: / / and return to: (Circle OAC Initials)

☐ Team Leader keyed record on on: Post card Printed by Tasneem (Team Leaders, give all second requests to Tasneem, to print a post card.)

JCWS, order file and assign or reassign to LIE/to: /LIE, see your Team Leader for assistance.

Comments/Instructions:

Patent No. 6,773,778

Request for Cert. of Correction dated December 22, 2004

Attorney Docket No. 1217-010927

C off C



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,773,778 Confirmation No. 5541
Inventors : Onozawa et al.
Issued : August 10, 2004
Title : Hard Coat Film
Examiner : Brian P. Egan
Customer No. : 28289

Certificate
JAN 03 2005
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch
Patent Issue Division

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO errors and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Face of Patent, See Item (56), References Cited, under U.S. PATENT DOCUMENTS, after the first patent, No. 3,810,815, "5/1974" should read --7/1969--.
(See Form PTO 892 mailed March 3, 2003.)

Face of Patent, See Item (57), ABSTRACT, Line 1, "film is providend" should read --film is **provided**--.
(See Preliminary Amendment of June 27, 2001, Page 9, Replacement Paragraph, Line 1.)

Column 1, Line 34, "required to be high" should read --required to be **highly**--.
(See application, Page 2, Line 10.)

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
ORKIN & HANSON, P.C.

By

Kent E. Baldauf
Registration No. 25,826
Attorney for Registrants
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1818
Telephone: (412) 471-8815
Facsimile: (412) 471-4094

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,773,778
DATED : May 25, 2004
INVENTOR(S) : August 10, 2004

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Face of patent, See Item [56], References Cited, under U.S. PATENT DOCUMENTS, after the first patent, No. 3,810,815, "5/1974" should read --7/1969--

Face of patent, See Item [57], ABSTRACT, Line 1, "film is providend" should read --film is provided--

Column 1, Line 34, "required to be high" should read --required to be highly--

{W0160082.1}

MAILING ADDRESS OF SENDER:

The Webb Law Firm
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1818

PATENT NO. 6,773,778

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/894,371	06/27/2001	Yutaka Onozawa	1217-010927	5541

7590

03/03/2003

Russell D. Orkin
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1818



EXAMINER

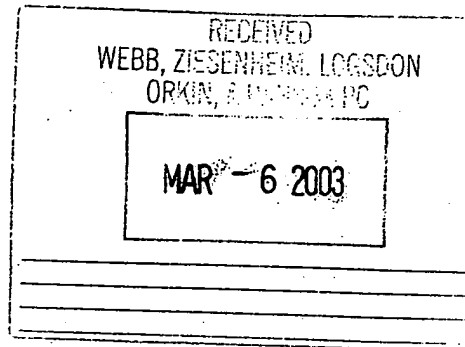
EGAN, BRIAN P

ART UNIT	PAPER NUMBER
----------	--------------

1772

DATE MAILED: 03/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



Office Action Summary

28 2004

Application No.

09/894,371

Examiner

Brian P. Egan

Applicant(s)

ONOZAWA ET AL.

Art Unit

1772

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 December 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,5,8-12,16,19,20,24,27 and 28 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

- 5) ☐ Claim(s) _____ is/are allowed.

- 6) ☒ Claim(s) 1,5,8-12,16,19,20,24,27 and 28 is/are rejected.

- 7) ☐ Claim(s) _____ is/are objected to.

- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.

- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☒ All b) ☐ Some * c) ☐ None of:

1. ☒ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)

- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.

- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.

- 5) ☐ Notice of Informal Patent Application (PTO-152)

- 6) ☐ Other:

Notice of References Cited



Application/Control No.

09/894,371

Applicant(s)/Patent Under
Reexamination
ONOZAWA ET AL.

Examiner

Brian P. Egan

Art Unit

1772

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,956,175	09-1999	Hojnowski	359/360
	B	US-3,810,815	07-1969	Welhart et al.	161/183
	C	US-6,103,370	08-2000	Onozawa et al.	428/354
	D	US-5,393,607	02-1995	Kawasaki et al.	428/334
	E	US-6,391,400	05-2002	Russell et al.	428/34
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

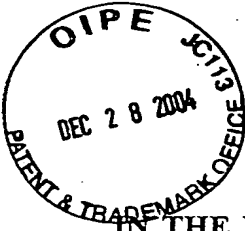
FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	JP 11-309813	11-1999	JAPAN	Lintec Corp	--
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



PATENT APPLICATION
Attorney Docket No. 1217-010927

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Yutaka ONOZAWA, : **HARD COAT FILM**
Toshio SUGIZAKI :
and Satoshi SAKURAI :
Serial No. Not Yet Assigned :
Filed Concurrently Herewith :
Pittsburgh, Pennsylvania
June 27, 2001

PRELIMINARY AMENDMENT

BOX PATENT APPLICATION
Commissioner for Patents
Washington D.C. 20231

Sir:

Prior to initial examination, please amend the above-identified patent application
as follows:

IN THE SPECIFICATION:

Please amend section headings and amend specification paragraphs as
follows. (Pursuant to 37 CFR 1.121, marked-up versions of the amended specification
paragraphs are attached.)

On page 1, please delete the first complete paragraph and insert the
following replacement paragraph:

IN THE ABSTRACT:

Please delete the ABSTRACT and insert the following replacement ABSTRACT:

A hard coat film is provided, having excellent resistance to impact and weather, and high surface hardness, which is suitable for being stuck on the external surfaces, e.g., those of window panes or plastic boards for windows. In the hard coat film, a silicone-based hard coat layer is provided on one side of a multi-layered base composed of a plurality of the same or different laminated resin films.



- 1 -

HARD COAT FILM

BACKGROUND OF THE INVENTION

Field of the Invention

PTA The present invention relates to a novel hard coat film, more particularly a hard coat film ^{having} excellent [in] resistance to impact and weather, and suitable for being stuck on external surfaces, in particular those of window panes and plastic boards for windows.

Description of the Prior Art

PTA ~~It is known to apply plastic~~
~~Plastic films have been used to be stuck on window panes~~
and plastic boards for windows for various purposes. For example, sunlight entering a room through a window pane contains ultraviolet and infrared rays, in addition to visible ~~rays~~ ^{rays}. The ultraviolet ~~ray~~ ^{rays} in sunlight causes sunburn. Its adverse effects on a human body have been recently pointed out, and it is well known that it deteriorates a packing material and content thereof. The infrared ~~ray~~ ^{rays} in sunlight, on the other hand, ~~increases~~ ^{increase} temperature in a room by direct sunlight, lowering an air-conditioning effect in summer. In order to avoid these undesirable effects, window panes and plastic boards for windows are covered with an ultraviolet- or infrared-shielding film. They are also frequently covered with a film for view-obstructing purposes, or for preventing fragment scattering when the window pane is broken by a hazard,

PA e.g., earthquake. The above films for shielding ultraviolet or infrared ^{rays} ray, or for view obstruction also have an effect of preventing fragment scattering.

5 More recently, use of the above-described plastic films has been studied, to protect window panes of vehicles running at a high speed. For example, a train generates a high wind pressure when it is passing through a tunnel, thus blowing off pebbles and snow blocks which may directly attack the train's window panes. The plastic film for preventing the above troubles is especially required to be highly ^{resistant} ~~resistance~~ to impact, and also to be highly resistant to weather because it is put in service continuously under severe conditions.

10 PA A film to be stuck on window panes or plastic boards for windows (hereinafter sometimes referred to as a window film) is generally coated with a hard coat layer, such as that of ionization radiation-curable resin (e.g., polyester acrylate-, epoxy acrylate-, urethane acrylate- and polyol acrylate-based resin), coated and cured thereon, to provide the film having resistance to scratching. Incorporation of an ultraviolet scattering agent in the hard coat layer to provide resistance to weather may deteriorate the resistance of the hard coat surface to scratching. Incorporation of an ultraviolet absorber, on the other hand, may prevent curing by ionization radiation or deteriorate the resistance to scratching. It is therefore very hard for conventional hard coat films to provide a base film having a satisfactory effect